

FPT3000 Portable Tester Assembly

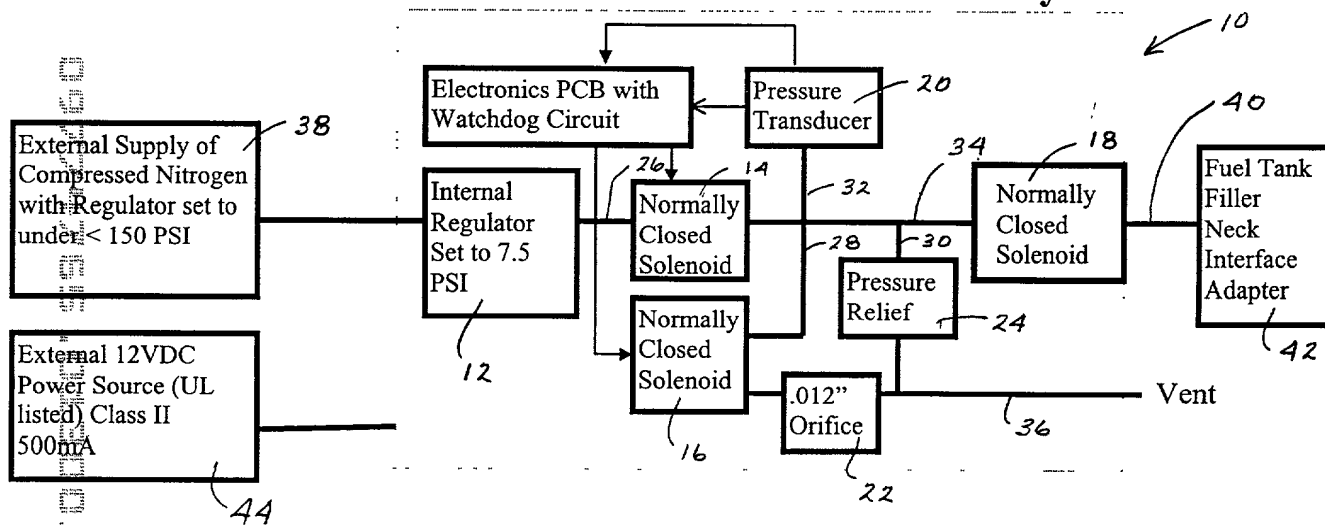


FIG. 1

FPT 3000 Evaporative System Pressure Tester Electronics Block Diagram

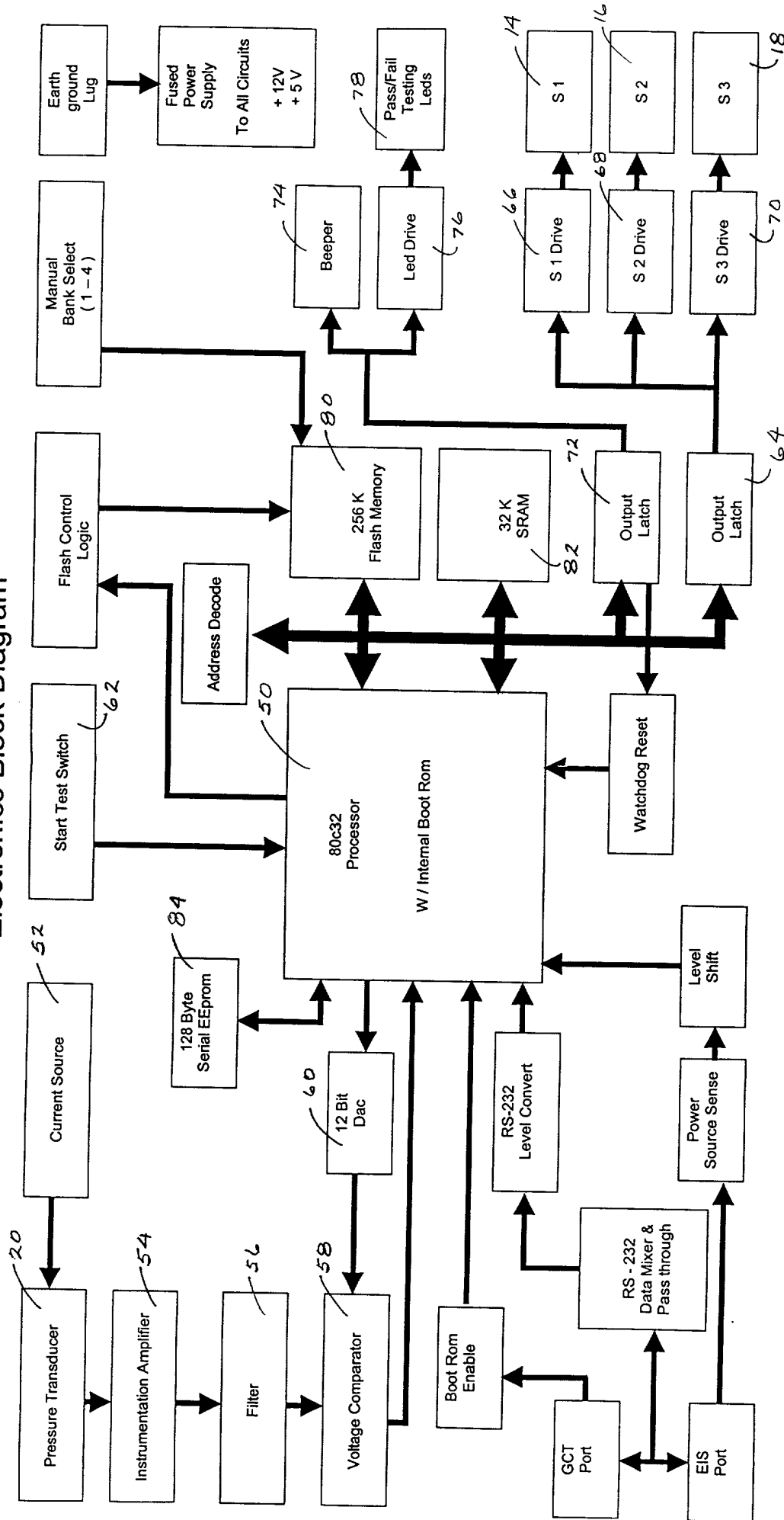
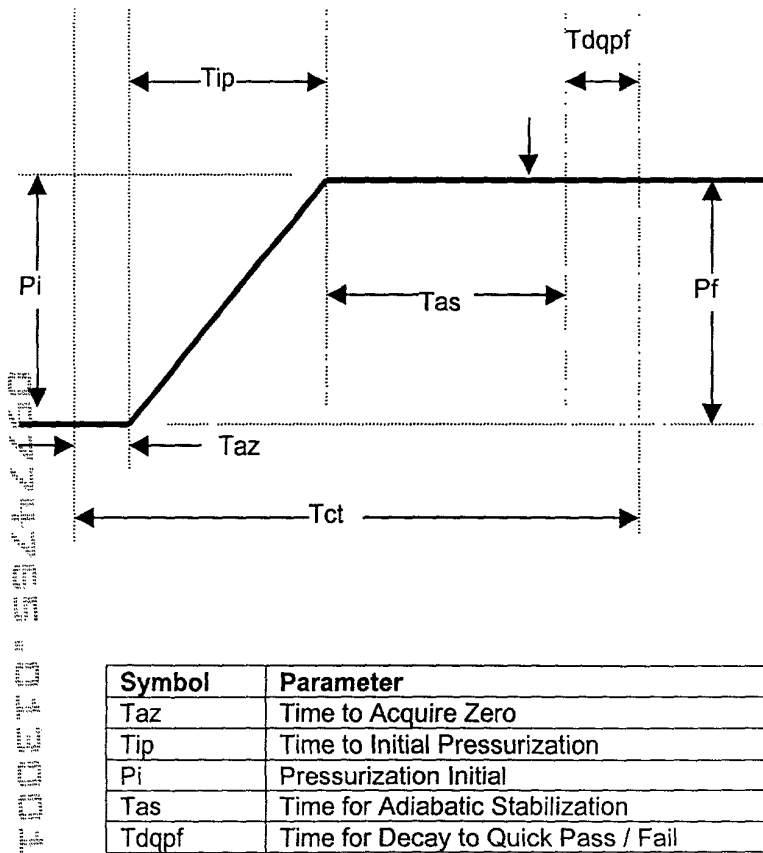
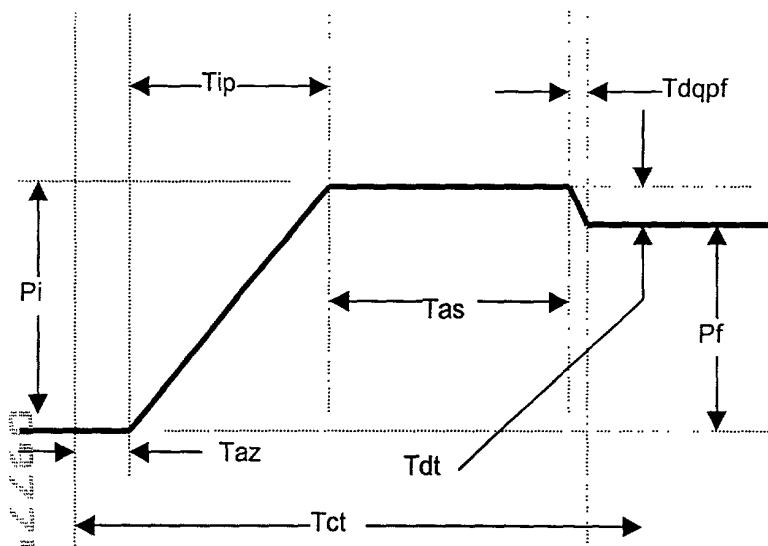


FIG. 2



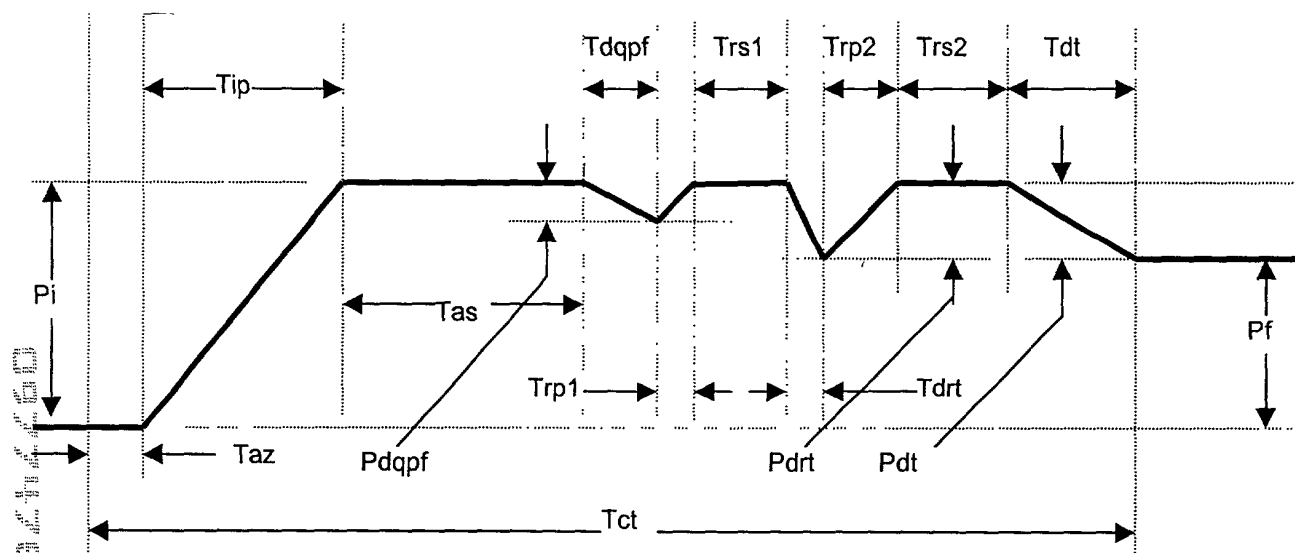
Symbol	Parameter	Typ.	Unit
Taz	Time to Acquire Zero	5	Seconds
Tip	Time to Initial Pressurization	60	Seconds
Pi	Pressurization Initial	14.5	Inches H2O
Tas	Time for Adiabatic Stabilization	60	Seconds
Tdcpf	Time for Decay to Quick Pass / Fail	30	Seconds
Pf	Pressure Final	14.5	Inches H2O
Tct	Time to Complete Test	155	Seconds

FIG. 3



Symbol	Parameter	Typ.	Unit
T_{az}	Time to Acquire Zero	5	Seconds
T_{ip}	Time to Initial Pressurization	60	Seconds
P_i	Pressurization Initial	14.5	Inches H ₂ O
T_{as}	Time for Adiabatic Stabilization	60	Seconds
T_{dcpf}	Time for Decay to Quick Pass / Fail	5	Seconds
P_{dcpf}	Pressure Decay to Quick Pass / Fail	0.75	Inches H ₂ O
P_f	Pressure Final	14.5	Inches H ₂ O
T_{ct}	Time to Complete Test	130	Seconds

FIG. 4



Symbol	Parameter	Typ.	Unit
T_{az}	Time to Acquire Zero	5	Seconds
T_{ip}	Time to Initial Pressurization	60	Seconds
P_i	Pressurization Initial	14.5	Inches H ₂ O
T_{as}	Time for Adiabatic Stabilization	60	Seconds
T_{dcpf}	Time for Decay to Quick Pass / Fail	20	Seconds
P_{dcpf}	Pressure Decay to Quick Pass / Fail	0.75	Inches H ₂ O
T_{rp1}	Time to Recover Pressure 1	5	Seconds
T_{rs1}	Time to Recover Stability 1	30	Seconds
T_{dr1}	Time for Decay Reference and Tank	20	Seconds
P_{dr1}	Pressure Decay for Reference and Tank	1.5	Inches H ₂ O
T_{rp2}	Time to Recover Pressure 2	10	Seconds
T_{rs2}	Time to Recover Stability 2	30	Seconds
T_{dt}	Time to decay Tank	40	Seconds
P_{dt}	Pressure Decay Tank	1.5	Inches H ₂ O
P_f	Pressure Final	13.0	Inches H ₂ O
T_{ct}	Time to Complete Test	280	Seconds

FIG. 5